



ROYAL BURNHAM ONE DESIGN CLASS

REVISED SAIL MEASUREMENTS AS APPROVED AT THE EXTRAORDINARY GENERAL MEETING ON 24TH FEBRUARY 2013

These measurements replace those in the RBOD Class Rules as amended in 1997 and March 2010. All other measurements remain as per the current Class Rules.

1. GENERAL

1.1 RULES

- a) All sails used for racing must be signed by a measurer approved by the Class.
- b) New sails are to be measured in accordance with the ISAF Equipment Rules of Sailing in force at the time of measurement except where the Class Rules provide otherwise.
- c) Sails shall comply with the Class Rules in force at the time of measuring.

1.2 SAILMAKER

No licence is required

1.3 MATERIAL

Sails may be of any cloth weight but must be constructed from conventional woven material such as Polyester cloth in the case of fore and aft sails or Ripstop Nylon in the case of spinnakers.

1.4 MARKINGS ON SPARS

Black bands must be marked on the mast and boom as per current Class Rules

1.5 SAIL MEASUREMENTS

Where no limit(s) for a particular dimension is given in these amendments or the Class Rules themselves then the item is not controlled and need not be measured.

2. **MAINSAIL**

2.1 BLACK BANDS

The luff and foot of the sail shall fit within the black bands on the mast and boom.

2.2 DIMENSIONS

| Dimension | Maximum | |
|---------------------|----------|------|
| | Ft In | mm |
| Leech length | 26ft 5in | 8052 |
| Quarter width | 133 in | 3378 |
| Half width | 97 in | 2464 |
| Three-quarter width | 54 in | 1372 |

Note: The cross width measurements are the shortest distance between the leech point and the luff

2.3 HEAD BOARD

A head board may be fitted but must not exceed 6 ins/152mm measured at right angles to the luff.

2.4 BATTENS

Mainsails must be made to carry 4 battens. The length of the top batten being a maximum of 2ft 6in/762mm long and the 3 lower battens a maximum length of 3ft 3in/991mm long and placed such that the centreline of each batten should split the leech into equal parts plus or minus 2in/50mm with the bottom batten being parallel to the main boom.

2.5 WINDOWS

Transparent windows may be fitted to the mainsail with the total window area not exceeding 4.5 square feet/0.42m² (e.g. 3 ft x 1ft 6 in or 914mm/457mm)

2.6 IDENTIFICATION

- a) The class insignia shall be the letters "RB"
- b) The sail number shall be as originally assigned when the boat was first commissioned. New boats will be consecutively numbered from the last number assigned
- c) The letters and sail numbers shall comply with the RRS except where prescribed otherwise in these Class rules
- d) The colour of the letters and sail numbers is optional.

3. **JIB**

3.1 DIMENSIONS

| Dimension | Maximum | |
|--------------|----------|------|
| | Ft In | mm |
| Luff length | 17ft 8in | 5385 |
| Leech length | 15ft 6in | 4724 |
| Foot | 7ft 8in | 2337 |
| Foot median | 16ft 9in | 5105 |

3.2 Jib battens are not permitted

3.3 The sail must be hanked to the forestay

4. **SPINNAKER**

4.1 DIMENSIONS

| Dimension | Maximum | |
|--------------------------------|-------------|------|
| | Ft In | mm |
| Half height luff to luff width | 11ft 6in | 3505 |
| Luff length, head to clew | 18ft 6in | 5639 |
| Foot width | 11ft 0in | 3353 |
| Foot median | 21ft 2 ¼ in | 6460 |

4.2 MARKINGS

Sail numbers are not required on the spinnaker